<u>AMENDMENTS TO THE CLAIMS</u>:

The present Amendment has been prepared in accordance with a revised format established by the U.S. Patent and Trademark Office, as permitted in the Pre-OG Notice entitled "Amendments in a Revised Format Now Permitted."

Please cancel Claims 2, 4, 6, 13, 15, 17, 24, 26 and 28 without prejudice or disclaimer of the subject matter presented therein.

Please amend Claims 1, 12, 14, 16, 23, 25 and 27 to read as follows In accordance with the revised amendment format, all claims are presented below.

1. (Currently Amended) An image pickup apparatus comprising:

an image pickup device adapted to pick up an image of an object to output an image signal;

an image processing device adapted to process the image signal to generate first-resolution image data and second-resolution image data having a resolution which is not higher than that of the first-resolution image data;

a storage control device adapted to store, in a memory, the first- and second-resolution image data ~~of the~~ image signals of a plurality of frames, ~~which are~~ each of the image signals being obtained by the image pickup device picking up ~~the~~ an image of the object;

a display control device adapted to display the second-resolution image data of the plurality of frames stored in said memory on a display screen;

a compression encoding device adapted to compress and encode, at a predetermined compression ratio, the first-resolution image data of the plurality of frames; and

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an output device adapted to output a compressed and encoded image data of a desired frame from the compressed and encoded image data of the plurality of frames of the image to a non-volatile memory in response to selecting the desired frame.

2.   (Cancelled)

3.   (Previously Amended) An apparatus according to claim 1, further comprising a transmission device adapted to transmit the selected image data.

4.   (Cancelled)

5.   (Previously Amended) An apparatus according to claim 1, wherein said compression encoding device compresses and encodes the selected image data at a compression ratio different from the predetermined compression ratio.

6-11   (Cancelled)

12.   (Currently Amended) An image pickup method comprising:

a step of picking up an image of an object to output an image signal;

a step of processing the image signal to generate high-resolution first-resolution image data and low-resolution second-resolution image data having a resolution which is not higher than that of the first-resolution image data;

a first outputting step of outputting a designation signal so as to process the image signals of a plurality of frames in the said image processing step;

a ~~first~~ storage step of storing the ~~high~~ <u>first</u>- and ~~low~~ <u>second</u>-resolution image data of the image signals of the plurality of frames, ~~which are~~ <u>each of the image signals being</u> obtained by picking up ~~the~~ <u>an</u> image of the object <u>in said picking up step</u>;

~~a step of displaying an image;~~

a step of displaying, ~~in the display step,~~ the ~~low~~ <u>second</u>-resolution image data of the plurality of frames stored in ~~the first~~ <u>said</u> storage step;

a step of compressing and encoding, at a predetermined compression ratio, the ~~high~~ <u>first</u>-resolution image data <u>of the plurality of frames</u>; and

~~a second storage step of storing the compressed and encoded image data of the plurality of frames; and~~

~~a first selection~~ <u>a second outputting</u> step of ~~selecting and~~ outputting <u>compressed and encoded</u> image data of a desired frame from the <u>compressed and encoded</u> image data of the plurality of frames of the image ~~stored in the second storage step, on the basis of display in the display step~~ <u>to a non-volatile memory in response to selecting the desired frame</u>.

13.   (Cancelled)

14.   (Currently Amended) A method according to claim 12, further comprising a step of transmitting the image data selected in ~~the first selection~~ <u>said second outputting</u> step.

15.   (Cancelled)

16.   (Currently Amended) A method according to claim 12, wherein the compression encoding step compresses and encodes again the image data selected in ~~the first selection~~ said second outputting step at a compression ratio different from the predetermined compression ratio ~~and stores the compressed and encoded image data in the second storage step~~.

17-22 (Cancelled)

23.   (Currently Amended) A storage medium storing a control program for an image pickup apparatus in a state readable from a computer, the control program comprising:

a step of picking up an image of an object to output an image signal;

a step of processing the image signal to generate ~~high-resolution~~ first-resolution image data and ~~low-resolution~~ second-resolution image data having a resolution which is not higher than that of the first-resolution image data;

a first outputting step of outputting a designation signal so as to process ~~the~~ image signals of a plurality of frames in ~~the~~ said image processing step;

a ~~first~~ storage step of storing the ~~high~~ first- and ~~low~~ second-resolution image data of the image signals of the plurality of frames, ~~which are~~ each of the image signals being obtained by picking up ~~the~~ an image of the object in said picking up step;

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a step of displaying an image;

a step of displaying in the display step, the low second-resolution image data of the plurality of frames stored in the first said storage step;

a step of compressing and encoding, at a predetermined compression ratio, the high first-resolution image data of the plurality of frames; and

a second storage step of storing the compressed and encoded image data of the plurality of frames; and

a first selection a second outputting step of selecting and outputting compressed and encoded image data of a desired frame from the compressed and encoded image data of the plurality of frames of the image stored in the second storage step, on the basis of display in the display step to a non-volatile memory in response to selecting the desired frame.

24.   (Cancelled)

25.   (Currently Amended) A medium according to claim 23, wherein the control program further comprises a step of transmitting the image data selected in the first selection said second outputting step.

26.   (Cancelled)

27.   (Currently Amended) A medium according to claim 23, wherein the compression encoding step compresses and encodes again the image data selected in ~~the first selection~~ <u>said second outputting</u> step at a compression ratio different from the predetermined compression ratio ~~and stores the compressed and encoded image data in the second storage step~~.

28-33 (Cancelled)